

WO 2004/039215 A1

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
13 May 2004 (13.05.2004)

PCT

(10) International Publication Number  
**WO 2004/039215 A1**

(51) International Patent Classification<sup>7</sup>: **A47C 27/06**,  
B68G 9/00, A47C 23/04

[SE/SE]; Ringvägen 27, S-524 31 Herrljunga (SE). **JOHANSSON, Mikael** [SE/SE]; St. Götgatan 55, S-524 30 Herrljunga (SE).

(21) International Application Number:

PCT/SE2003/001656

(74) Agent: **AWAPATENT AB**; Box 11394, S-404 28 Göteborg (SE).

(22) International Filing Date: 24 October 2003 (24.10.2003)

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ (utility model), CZ, DE (utility model), DE, DK (utility model), DK, DM, DZ, EC, EE (utility model), EE, ES, FI (utility model), FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(25) Filing Language:

Swedish

(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),

(26) Publication Language:

English

(30) Priority Data:

0203163-1 29 October 2002 (29.10.2002) SE

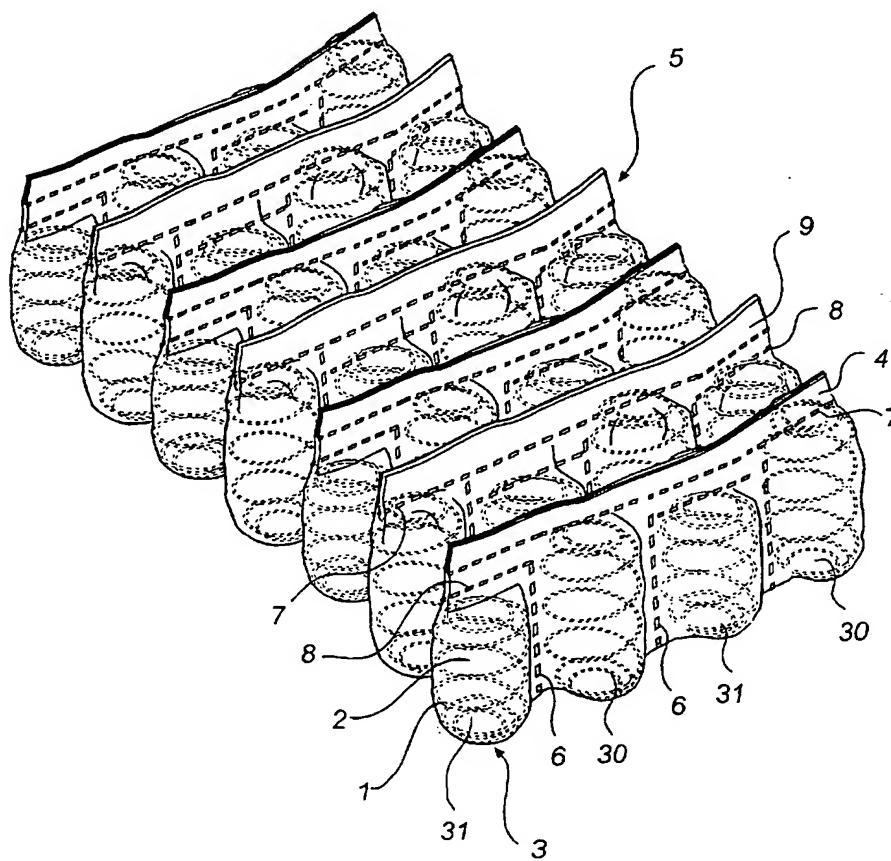
(71) Applicant (*for all designated States except US*): **STJERNFJÄDRAR AB** [SE/SE]; Box 44, S-524 21 Herrljunga (SE).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **EDLING, Kenneth**

*[Continued on next page]*

(54) Title: POCKET MATTRESS WITH VARYING HEIGHT



(57) **Abstract:** A mattress comprising coil springs arranged as spring units in covering pockets, a so-called pocket mattress, is provided. The spring units of the mattress are arranged in succession in elongate strings, the mattress comprising a plurality of such interconnected strings arranged side by side. A distinguishing feature of the mattress is that at least one spring unit within at least one string has a height that differs from the height of the other spring units within the same string. A method and a device for manufacturing such a mattress are also provided.

BEST AVAILABLE COPY